



PL550
Digital Signage
User Manual



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Safety warnings and precautions



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

THIS EQUIPMENT MUST BE GROUNDED

To ensure safe operation, the three-pin plug must be inserted only into a standard three-pin power outlet which is effectively grounded through normal household wiring. Extension cords used with the equipment must have three cores and be correctly wired to provide connection to the ground. Wrongly wired extension cords are a major cause of fatalities.

The fact that the equipment operates satisfactorily does not imply that the power outlet is grounded or that the installation is completely safe. For your safety, if you are in any doubt about the effective grounding of the power outlet, please consult a qualified electrician.

- The mains plug of the power supply cord shall remain readily operable. The AC receptacle (mains socket outlet) shall be installed near the equipment and shall be easily accessible. To completely disconnect this equipment from the AC mains, disconnect the power cord plug from the AC receptacle.
- Do not place this display on an uneven, sloping or unstable surface (such as a trolley) where it may fall and cause damage to itself or others.
- Do not place this display near water, like a spa or pool, or in a position which will allow the splashing or spraying of water onto the display, like in front of an open window where rain water may enter.
- Do not install this display in a confined space without proper ventilation and air circulation, such as in a closed cabinet. Allow proper space around the display for dissipating heat inside. Do not block any openings and vents on the display. Overheating may result in hazards and electric shock.
- Installation of this display should only be performed by a qualified technician. Failure to install this display properly may cause injuries and damages to the personnels and the display itself. Check the installation regularly and maintain the display periodically to ensure the best working condition.
- Use only the accessories approved or recommended by the manufacturer to mount this display. Using wrong or unsuitable accessories may cause the display to fall and result in serious personal injuries. Make sure that the surface and fixing points are strong enough to sustain the weight of the display.
- To reduce the risk of electric shock, do not remove covers. No user serviceable parts inside. Refer servicing to qualified service personnel.
- To prevent personal injuries, mounting the display or installing desktop stands is required before use.

Important safety instructions

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.



Notes on the LCD panel of this display

- The Liquid Crystal Display (LCD) panel of this display has a very thin protective layer of glass which is liable to marking or scratching, and cracking if struck or pressured. The liquid crystal substrate is also liable to damage under excessive force or extreme temperatures. Please handle with care.
- The response time and brightness of the LCD panel may vary with the ambient temperature.
- Avoid placing the display in direct sun or where direct sun or spot lighting will shine onto the LCD panel, as the heat may damage the panel and the external casing of the display, and the bright light will make viewing the display more difficult than necessary.
- The LCD panel consists of individual pixels to display images and is manufactured according to the design specifications. While 99.9% of these pixels work normally, 0.01% of the pixels may remain constantly lit (in red, blue or green) or unlit. This is a technical limitation of the LCD technology and is not a defect.
- LCD screens, like plasma (PDP) and conventional CRT (Cathode Ray Tube) screens, are also susceptible to 'screen burn-in' or 'image retention' which can be found on the screen as visible fixed lines and shades. To avoid such damage to the screen, avoid

displaying still images (like On-Screen Display menus, TV station logos, fixed/inactive text or icons) for more than two hours. Change the aspect ratio from time to time. Fill the entire screen with the image and eliminate the black bars whenever possible. Avoid displaying images in 4:3 aspect ratio over a long period of time, otherwise there may be visible burn marks on the screen as two vertical lines.

If display of a still image is required, it is recommended to enable **Anti Image Retention** under the **Setting** and **Advanced** menu.

Notes on condensation

Condensation may form between the display's LCD panel and touch panel glass when there is a dramatic change in the display's ambient temperature, such as when moving the display from a cold room to a hot room, or heating the room from a low temperature. This is a natural phenomenon and will not affect the normal operation of the display.

- If condensation occurs, turn on the display and leave it on for 2 hours. Prevent the display from going into the standby mode by turning off the **Power Save** and **Auto Search** functions under the **Setting** menu.
- To avoid condensation, wrap the display with a sealable plastic bag before moving it from a cold place to a hot place, and wait for the display to adjust to the warmer temperature before unwrapping it. When using or storing the display in a damp environment, consider placing a dehumidifier or moisture absorbing agents (like silica gel bags) near the display.

Battery safety notice

The use of the wrong type of batteries may cause chemical leaks or explosion. Please note the following:

- Always ensure that the batteries are inserted with the positive and negative terminals in the correct direction as shown in the battery compartment.
- Different types of batteries have different characteristics. Do not mix different types.
- Do not mix old and new batteries. Mixing old and new batteries will shorten battery life or cause chemical leaks from the old batteries.
- When batteries fail to function, replace them immediately.
- Chemicals which leak from batteries may cause skin irritation. If any chemical matter seeps out of the batteries, wipe it up immediately using a dry cloth, and replace the batteries as soon as possible.
- Due to varying storage conditions, the battery life for the batteries included with your product may be shortened. Replace them within 3 months or as soon as you can after initial use.
- There may be local restrictions on the disposal or recycling of batteries. Consult your local regulations or waste disposal provider.

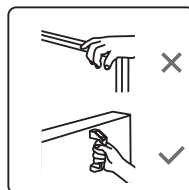
Safety notice for remote control

- Do not put the remote control in the direct heat, humidity, and avoid fire.
- Do not drop the remote control.
- Do not expose the remote control to water or moisture. Failure to do so could result in malfunction.
- Confirm there is no object between the remote control and the remote sensor of the product.
- When the remote control will not be used for an extended period, remove the batteries.

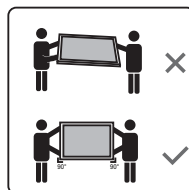
Notes on moving the display

The display has limited mechanical strength. To prevent the display from performance failure caused by line defects, front bezel bending, glass scratch/broken, light leakage, etc, it must be handled with care.

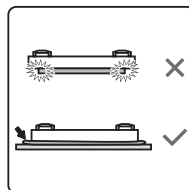
- When you want to move the display, make sure the four (4) handles are held.



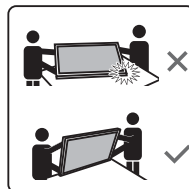
- Always move the display by at least two (2) adults, and make sure that the display is held upright.



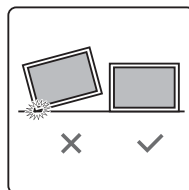
- When you want to place the display face down:
 - Prepare a flat and horizontal surface that is larger than the display and spread a thick protective sheet on it.



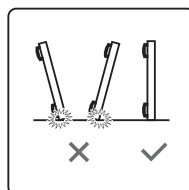
- Lay down the display gently and horizontally.



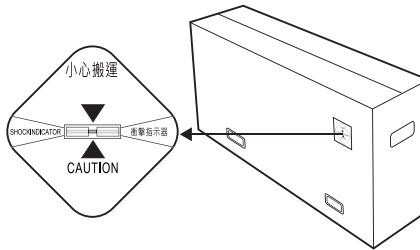
- When you want to upturn the display:
 - Lift the display up horizontally by holding the four (4) handles. Do not lift the display against its corner. Be careful not to scratch any parts of the display when upturning the display.



- Stand the display vertically to make sure that its weight spread evenly on the surface.



- Check the shock label on the outside of the product carton. The shock indicator on the label will turn red if the display/package is improperly handled.





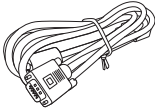
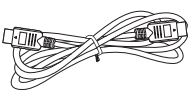
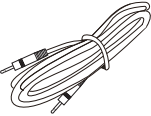
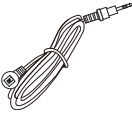
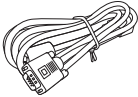


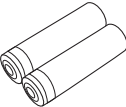

BenQ ecoFACTS


BenQ has been dedicated to the design and development of greener product as part of its aspiration to realize the ideal of the "Bringing Enjoyment 'N Quality to Life" corporate vision with the ultimate goal to achieve a low-carbon society. Besides meeting international regulatory requirement and standards pertaining to environmental management, BenQ has spared no efforts in pushing our initiatives further to incorporate life cycle design in the aspects of material selection, manufacturing, packaging, transportation, using and disposal of the products. BenQ ecoFACTS label lists key eco-friendly design highlights of each product, hoping to ensure that consumers make informed green choices at purchase. Check out BenQ's CSR Website at <http://csr.BenQ.com/> for more details on BenQ's environmental commitments and achievements.



Package contents

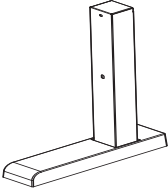
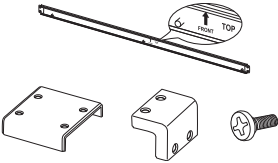
Open the sales package and check the contents. If any item is missing or damaged, please contact your dealer immediately.

			
LCD display	Power cord	D-Sub (15-pin) cable	HDMI cable
			
Audio cable	IR cable	RS-232 cable	Quick start guide
			
Remote control	AAA batteries	Gap inspection pads	

- 
- The type of power cord supplied may differ from that illustrated depending on your region of purchase.
 - Before discarding the package, check that you haven't left any accessories inside the box.
 - Dispose of packaging materials wisely. You can recycle the cardboard carton. Consider storing the package (if possible) for future transport of the display.
 - Do not leave plastic bags within reach of young children or babies.

Optional accessories

In addition to the items that come with the standard package, the following optional accessories are also available separately:

	
Desktop stand	Edge alignment kit

Setting up the display

Mounting the display

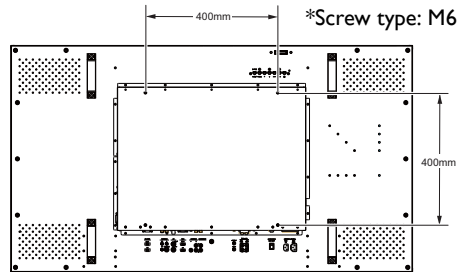
You can install the display on a vertical surface with a suitable wall mounting bracket or on a horizontal surface with the optional desktop stands. Please pay attention to the following notes during installation:

- This display should be installed by at least two adult persons. Attempting to install this display by only one person may result in danger and injuries.
- Refer the installation to qualified technicians. Improper installation may cause the display to fall or malfunction.

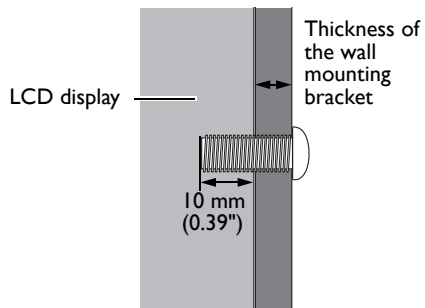
Installing the display on a wall

1. Place a clean, dry and lint-free cloth on a flat, horizontal and object-free surface. Make sure that the size of the cloth is larger than the display.
2. Gently lay the display on the cloth with the LCD screen facing down.
3. Remove the desktop stands from the display if installed.

4. Identify the wall mounting screw holes on the back of the display as shown in the illustration.

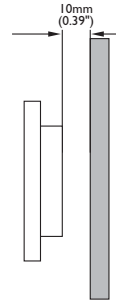


5. Install the wall mounting bracket on the display and attach the display to the wall according to the mounting bracket's instructions. The length of the screw should exceed the thickness of the wall mounting bracket by at least 10 mm. Make sure that all screws are tightened and secured properly. (Recommended torque: 470 - 635N•cm). The mounting means should be strong enough to bear the weight of the display.

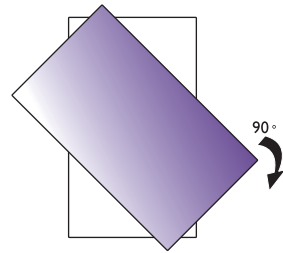




- To maintain proper ventilation, keep at least 10 mm of clear space from the back cover of the display to the wall.
- Please consult a professional technician for wall mount installations. The manufacturer accepts no liability for installations not performed by a professional technician.



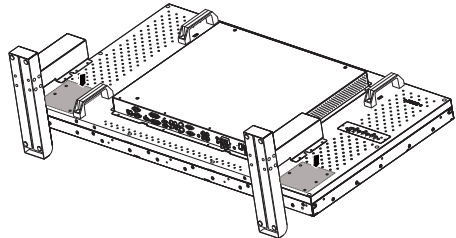
- The AC power IN and OUT sockets should be on top of connectors when rotating your display.



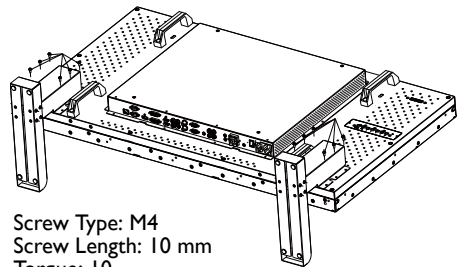
Installing the optional desktop stands

1. Place a clean, dry and lint-free cloth on a flat, horizontal and object-free surface. Make sure that the size of the cloth is larger than the display.
2. Gently lay the display on the cloth with the LCD screen facing down.

3. Place the desktop stands on the display as illustrated.



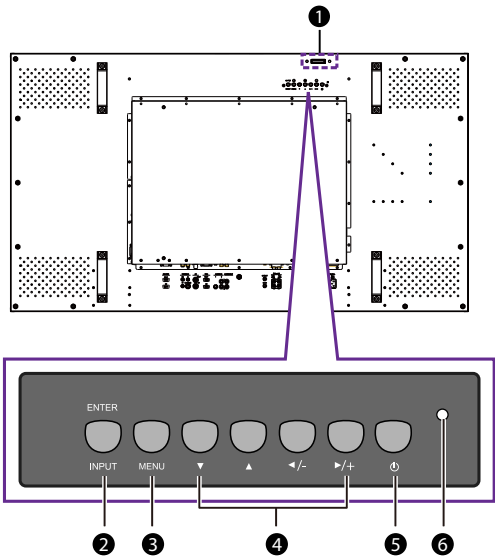
4. Use the screws and a suitable screwdriver to secure the stands on the display.



Screw Type: M4
Screw Length: 10 mm
Torque: 10

Parts of the display and their functions

Rear panel



No.	Name	Description
1	Remote control sensor / Ambient light sensor / Power indicator	<ul style="list-style-type: none">• Receives command signals from the remote control.• Detects ambient lighting conditions around the display and adjusts screen brightness automatically when the Ambient Light Sensor function is activated.• Indicates the operating status of the display:<ul style="list-style-type: none">- Lights up green when the power is turned on.- Lights up red when the display is turned off.- Lights up red when the display is in Power Save High mode.- Flashes red when the display is in Power Save Low mode.- Off when the main power is turned off.
2	ENTER/INPUT	<ul style="list-style-type: none">• Selects a video source.• Confirms your selection or enters a submenu in the On-Screen Display (OSD) menu.
3	MENU	<ul style="list-style-type: none">• Opens or closes the OSD menu.
4	▼, ▲, ◀ /-, ▶ /+	<ul style="list-style-type: none">• Scrolls through settings and options in the OSD menu.• ◀ /-, ▶ /+: Hot keys for audio volume adjustment.
5	Power button	<ul style="list-style-type: none">• Turns the display on or off.

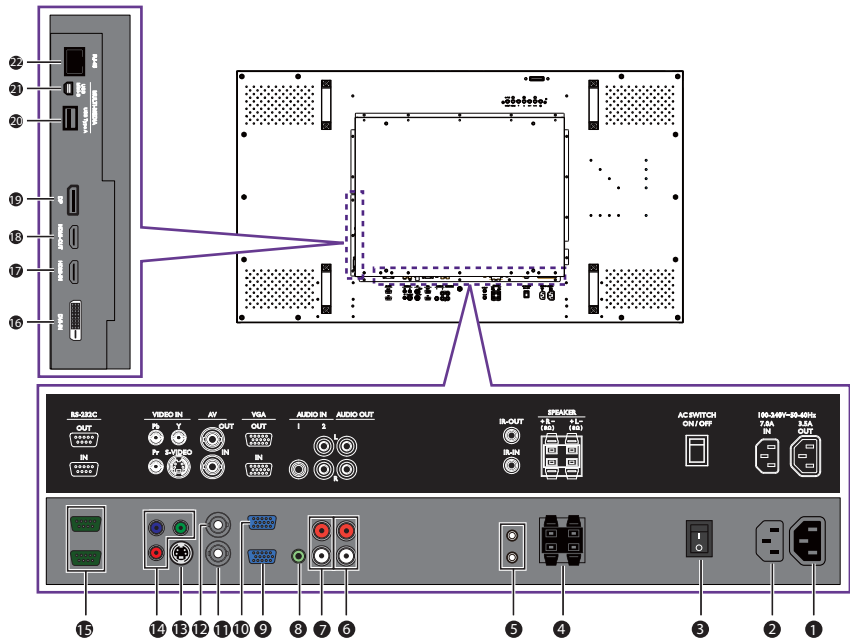
6

Power indicator

Indicates the power status of the display:

- Lights up green when the power is turned on.
 - Lights up red when the display is turned off.
 - Lights up red when the display is in **Power Save High** mode.
 - Flashes red when the display is in **Power Save Low** mode.
 - Off when the main power is turned off.
-

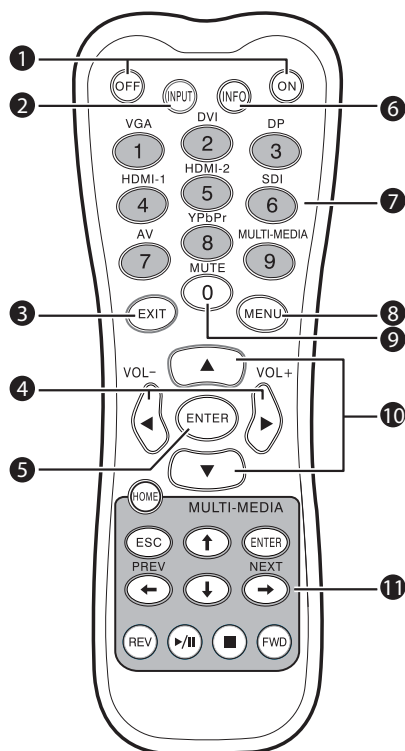
Input/output terminals



No.	Name	Description
①	AC OUT (3.5A)	Relays the AC power from the AC IN jack to another display.
②	AC IN (7.0A)	Connects to a power outlet via the supplied power cord.
③	AC SWITCH ON/OFF	Turns on or off the main power.
④	SPEAKER	Outputs audio signals to external speakers.
⑤	IR-IN/IR-OUT	<ul style="list-style-type: none">• IR-IN: For use with an IR Extender - to ensure better response from the remote control.• IR-OUT: Outputs the IR signal from the IR-IN input to another display.
⑥	AUDIO OUT (R/L)	Outputs audio signals to an external device.
⑦	AUDIO IN 2	Receives audio signals from an external device (such as a VCR or DVD player).
⑧	AUDIO IN 1	Receives audio signals from an external device (such as a computer).
⑨	VGA IN	Receives analog RGB signals from an external device (such as a computer).
⑩	VGA OUT	Outputs analog RGB signals from the VGA IN input to another display.

11	AV IN	Receives composite video signals from an external device (such as a VCR or DVD player).
12	AV OUT	Outputs composite video signals from the AV IN input to another display.
13	VIDEO IN (S-VIDEO)	Receives S-Video signals from an external device (such as a VCR or DVD player).
14	VIDEO IN (YPbPr)	Receives component video (YPbPr) signals from an external device (such as a DVD player, HDTV device or Laser disc player).
15	RS232C IN/OUT	<p>For external control and multi-display operation.</p> <ul style="list-style-type: none">• RS232C IN: receives control signals from a computer or another display.• RS232C OUT: outputs control signals from the RS232C IN input to another display.
16	DVI-IN	Receives DVI signals from an external device (such as a computer).
17	HDMI IN	Receives HDMI signals from an external device (such as a Blu-ray disc player).
18	HDMI OUT	Outputs HDMI signals from the HDMI IN input to another display.
19	DP (DisplayPort)	Connects to a DisplayPort compatible device.
20	USB Type A	Connects to a USB flash drive or wireless LAN adapter.
21	USB Mini-B	Connects to a computer for USB display.
22	RJ-45	Connects to the RJ-45 port on your Ethernet router.

Remote control



1 ON/OFF

Turns the display on or off.

2 INPUT

Selects an input source.

3 EXIT

Returns to the previous menu or closes the OSD menu when the OSD menu is on.

4 ◀ / VOL- / ▶ / VOL+

- Scrolls through settings and options in the OSD menu.
- Turns down/up the volume.

5 ENTER


Confirms your selection or save changes.

6 INFO

Shows the current input source and resolution.

7 Numeric buttons (1-9) /Input source buttons

- Performs as numeric buttons when the OSD menu is on.
- Performs as input source buttons when the OSD menu is off.

 The HDMI-2 and SDI functions are not available with this display.

8 MENU

Opens or closes the OSD menu.

9 Numeric button (0)/MUTE

- Performs as a numeric button when the OSD menu is on.
- Turns on or off the mute function.

10 ▲ / ▼

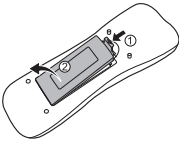
Scrolls through settings and options in the OSD menu when the OSD menu is on.

11 MULTI-MEDIA buttons

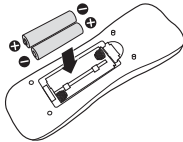
See ["Multimedia OSD operation" on page 38](#) for details.

Using the remote control

Installing remote control batteries



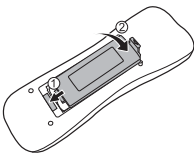
1. Open the remote control battery compartment cover.



2. Insert the supplied batteries ensuring that the positive and negative marked battery terminals match the (+) and (-) marks in the battery compartment.



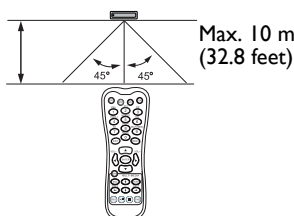
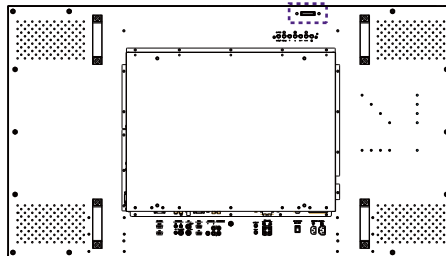
The supplied batteries are provided for your convenience so that you can operate the display straight away. You should replace them as soon as possible.



3. Refit the battery compartment cover.

Remote control usage tips

- Point and aim the top front of the remote control directly at the display's remote control sensor window when you press the buttons.
- Do not let the remote control become wet or place it in humid environments (like bathrooms).
- If the display's remote control sensor window is exposed to direct sunlight or strong light, the remote control may not operate properly. In this situation, change the light source, readjust the angle of the display or operate the remote control from a location closer to display's remote control sensor window.



Connection

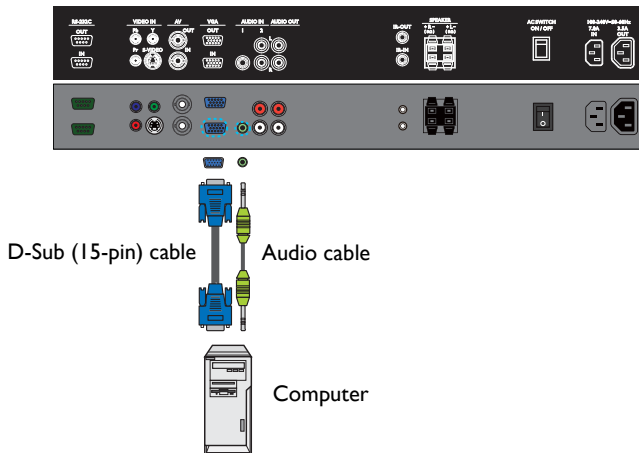
Connecting audio/video signals

Pay attention to the following notes when you connect cables:

- Please turn off all devices.
- Familiarize yourself with the audio/video ports on the display and the devices you want to use. Be aware that incorrect connections may adversely affect picture quality.
- Do not remove cables from the ports by pulling the cable itself. Always grasp and pull the connectors at the end of the cable.
- Ensure that all cables are fully inserted and firmly seated.

Connecting the VGA input

1. Connect the **VGA IN** jack on the display to the VGA output jack on a computer using a D-Sub (15-pin) cable.
2. Connect the computer's audio output jack to the **AUDIO IN I** jack on the display using an audio cable.
3. To view images from this input, press the **VGA** button on the remote control. To select an appropriate audio source, see ["Audio Source" on page 30](#) for details.



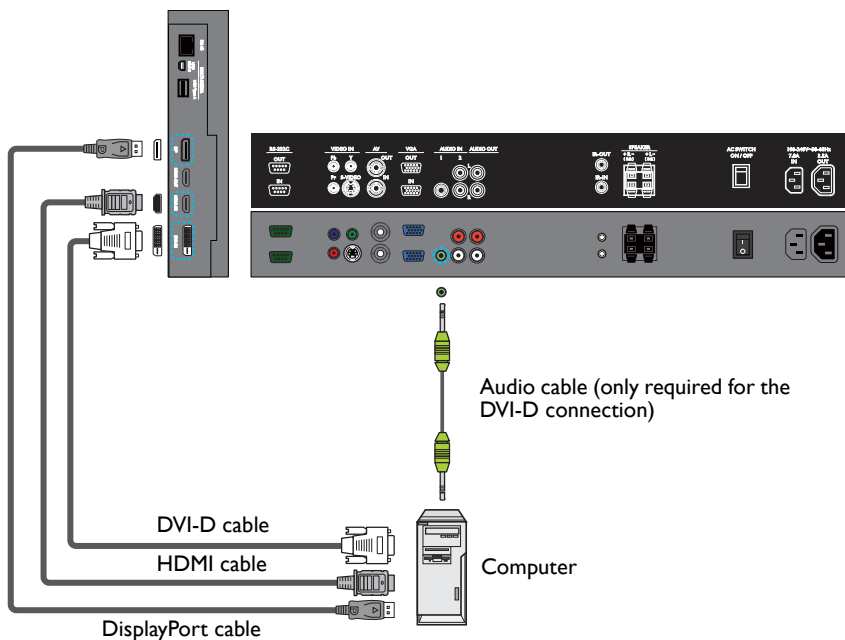
Connecting the digital inputs

1. Connect the **DVI-IN** jack on the display to the DVI-D output jack on a computer using a DVI-D cable.

If the computer has a DisplayPort output jack, connect the computer's DisplayPort output jack to the **DP** input jack on the display using a DisplayPort cable.

If the computer has an HDMI output jack, connect the computer's HDMI output jack to the **HDMI IN** input jack on the display using an HDMI cable.

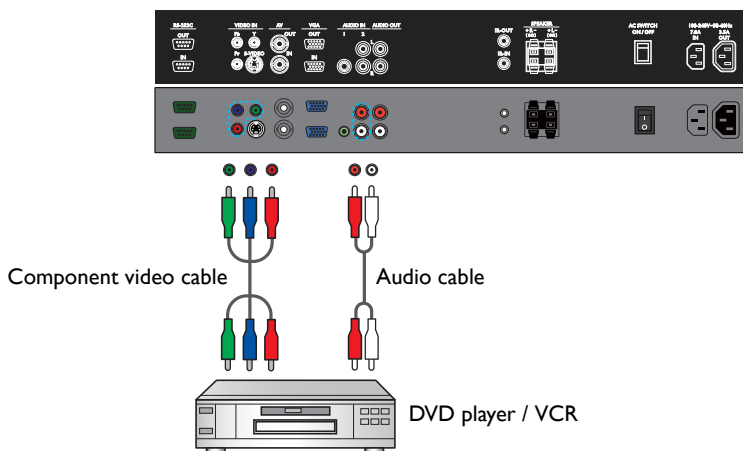
2. If needed, connect the computer's audio output jack to the **AUDIO IN I** jack on the display using a suitable audio cable.
3. To view video image from these inputs, press the **DVI**, **DP** or **HDMI-I** button on the remote control. To select an appropriate audio source, see ["Audio Source" on page 30](#) for details.



The DVI-D and DisplayPort cables are not supplied and should be purchased separately.

Connecting the YPbPr component video input

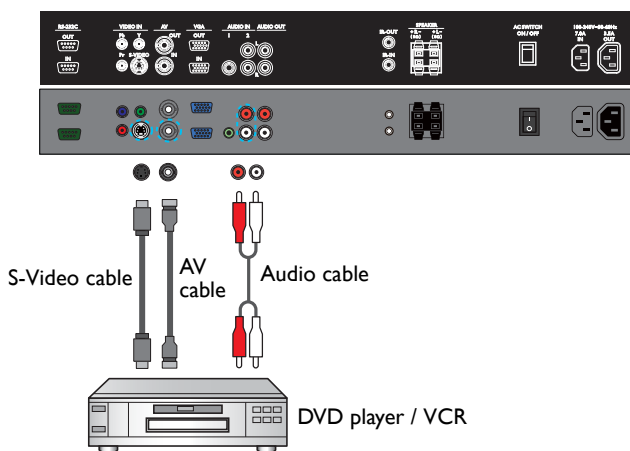
1. Connect the **VIDEO IN (YPbPr)** jacks on the display to the component output jacks on an A/V device (such as a VCR or DVD player) using a component video cable.
2. Connect the DVD player's audio output jacks to the **AUDIO IN 2** jacks on the display using a suitable audio cable.
3. To view video image from this input, press the **YPbPr** button on the remote control. To select an appropriate audio source, see "[Audio Source](#)" on page 30 for details.



The cables are not supplied and should be purchased separately.

Connecting the AV and S-Video inputs

1. Connect the **VIDEO IN (S-VIDEO)** or **AV IN** jack on the display to the output jack on an A/V device (such as a VCR) using an appropriate video cable.
2. Connect the VCR's audio output jacks to the **AUDIO IN 2** jacks on the display using a suitable audio cable.
3. To view video image from this input, press the **AV** button on the remote control for the AV signal, or press the **INPUT** button repeatedly for the S-Video signal. To select an appropriate audio source, see ["Audio Source" on page 30](#) for details.



The cables are not supplied and should be purchased separately.

Connecting the multimedia inputs

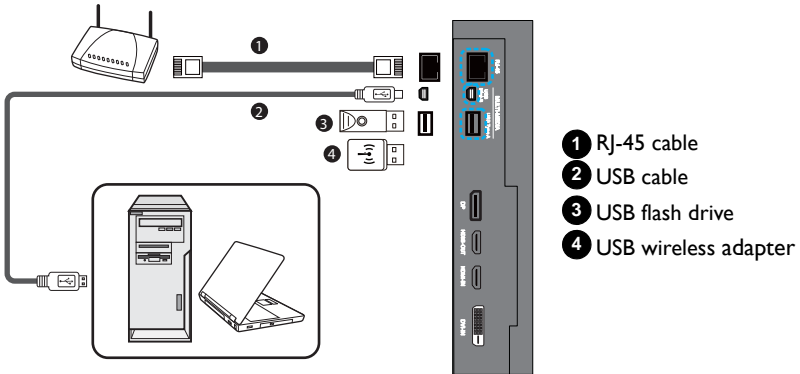
To connect to a network, perform one of the following steps

- Take a RJ-45 cable and connect one end to the **RJ-45** jack on the display and the other end to the RJ-45 port on your Ethernet or router.
- Plug a USB wireless LAN adapter into the **USB Type A** jack.

To connect to a computer directly

Take a USB cable, connect the mini B plug to the **USB Mini-B** jack on the display and the type A plug to a computer.

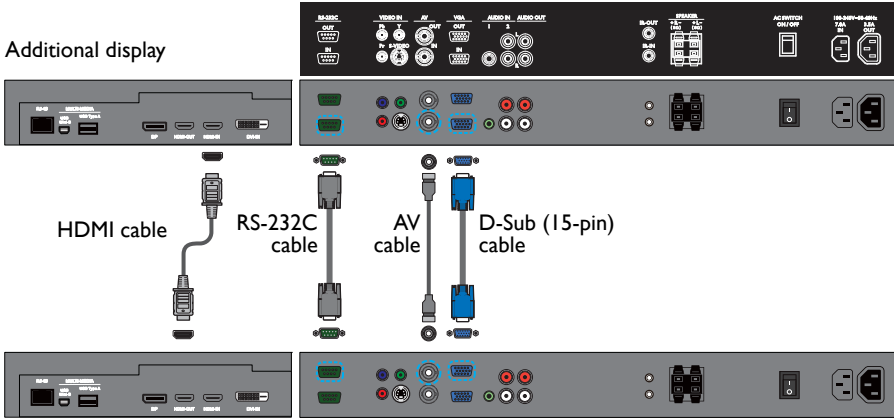
To view video image from the input, press **MULTI-MEDIA** on the remote control or select **MULTI-MEDIA** from the source selection bar to access the multimedia OSD system. See the "[Multimedia OSD operation](#)" on page 38 for details.



The cables are not supplied and should be purchased separately.

Connecting multiple displays

You can connect multiple displays serially (daisy chain) to a computer for management. The number of displays you can connect serially depends on the resolution of the input signal you use.



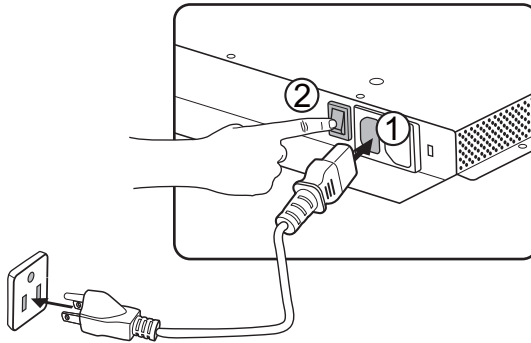
The first display



- The HDMI daisy chain accepts input signals from HDMI IN, RJ-45, USB Type A, USB Mini-B, and DVI-IN.
- The RS-232C daisy chain application requires an RS-232C port equipped computer.
- Use RS-232C serial null modem cables for daisy chain application.
- Avoid using HDCP source for daisy chain application.

Connecting power

1. Plug one end of the power cord into the **AC IN** jack on the display and the other end into an appropriate power outlet (if the outlet is switched, turn on the switch).
2. Flip the power switch to the ON position to turn on the main power.



- The supplied power cord is suitable for use with 100-240V AC power only.
- The power cord and outlet illustrated may differ from the ones used in your region.
- Only use an appropriate power cord for your region. Never use a power cord which appears damaged or frayed, or change the plug type on the power cord.
- Be aware of the power loading when you use extension cords or multiple outlet power boards.
- There are no user serviceable parts in this display. Never unscrew or remove any covers. There are dangerous voltages inside the display. Turn off the power and unplug the power cord if you intend to move the display.

Basic operations

Turning the display on or off



To turn on or off the display, press the power button on the display's control panel or on the remote control.



- The display's standby mode still consumes power. To completely cut off power supply, set the power switch to the off position or disconnect the power cord from the power outlet.
- The display follows the VESA approved DPM Power Management function. The power management function is an energy saving feature that automatically reduces the display's power consumption when the keyboard or the mouse has not been used for a fixed period.

Locking/unlocking the controls

You can lock/unlock the control panel to prevent unwanted or accidental operations.

• Control panel buttons

To lock/unlock the control panel buttons, press and hold ◀ /- and ▶ /+ on the control panel simultaneously for 5 seconds. Once locked, the control panel buttons do not function unless unlocked.

• Remote control (IR) functions

To lock/unlock the remote control (IR) functions, press and hold **MENU** and ◀ /- on the control panel for 5 seconds. Once locked, the display does not respond to any remote control operations unless unlocked.

To lock/unlock both the control panel and remote control buttons, press ▼ for 5 seconds, and then **ENTER** on the remote control. Once locked, the control panel and remote control buttons do not function unless unlocked.

Switching input signals

Press the **ENTER/INPUT** button or those signal selection buttons on the remote control or the **ENTER/INPUT** button on the control panel to select an input signal.

Adjusting audio volume level

Press ◀ /- or ▶ /+ on the control panel or **VOL+/VOL-** on the remote control to adjust the volume.

Network connection

Connecting to a LAN

To set the display to connect to a local area network:

1. Connect an RJ45 cable to the corresponding ports on the display and your LAN switch or router.
2. Open the OSD menu and go to **Setting > Control Setting**. Select **LAN**.
3. Select **Setting > Network Settings**.
If you are in a DHCP environment, select **DHCP > Execute** and press **ENTER**.
Once done, the **IP Address**, **Subnet Mask**, **Default Gateway**, **Primary DNS**, and **Secondary DNS** settings will be displayed.
If you are not in a DHCP environment, select **Manual > Execute** and press **ENTER**. Contact your network administrator for information on the **IP Address**, **Subnet Mask**, **Default Gateway**, **Primary DNS**, and **Secondary DNS** settings and enter it accordingly.
4. To save the settings and return to the previous menu, highlight **Execute** and press **ENTER** on the remote control.

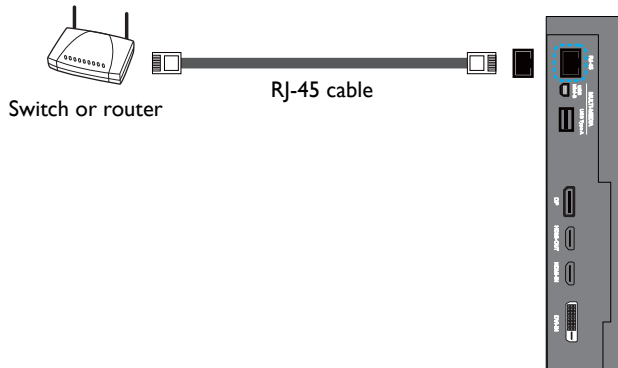
Controlling the display over LAN

Once you have the correct IP address for your display and the display is on or in standby mode, you can use any computer that is on the same local area network to control the display.

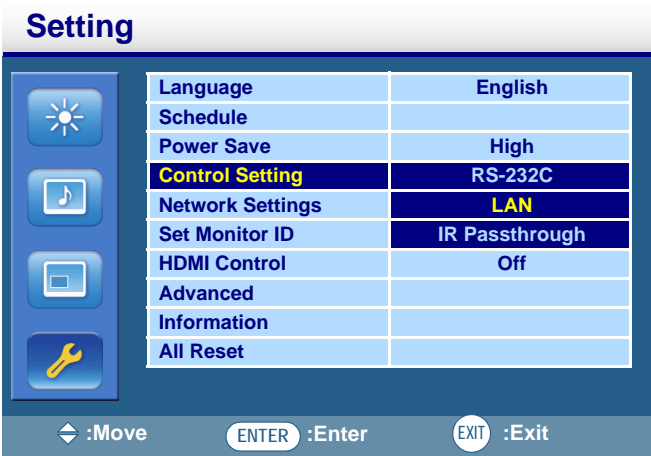


- You cannot control the display via the RS-232C connector when LAN control is in use.
- It is recommended that you use Internet Explorer version 7.0 or higher browser.

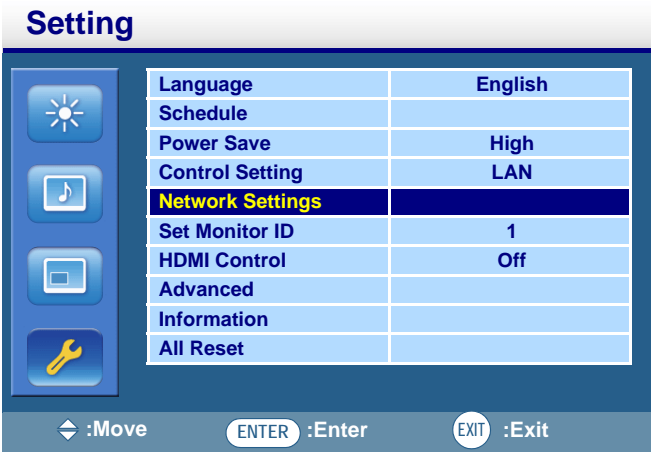
1. Connect the display to your LAN switch or router using an RJ-45 cable.



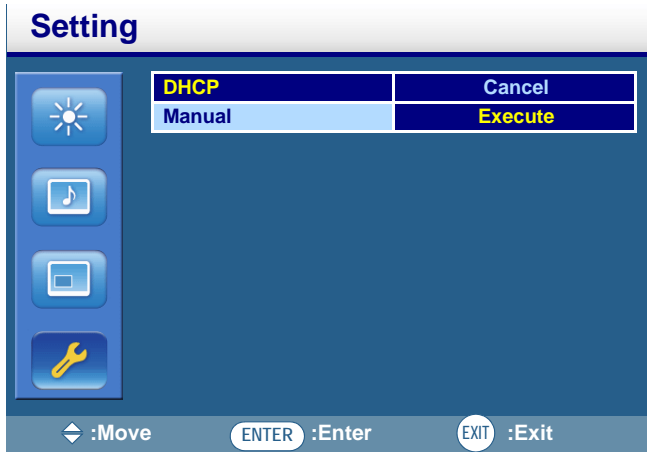
2. Open the OSD menu and go to **Setting > Control Setting**. Select **LAN**.



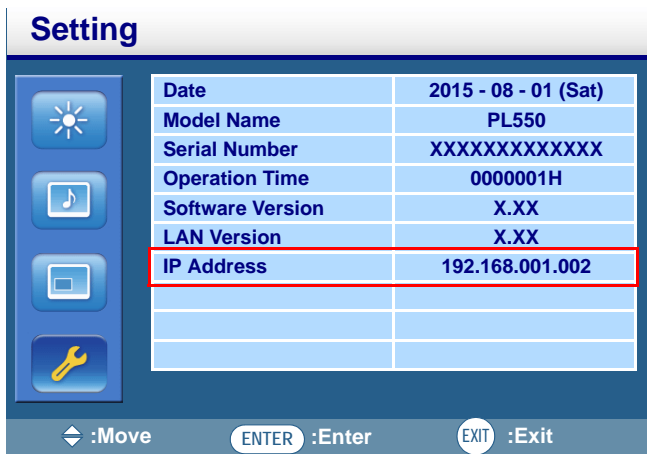
3. Select **Network Settings**.



4. Select **DHCP** > **Execute**.

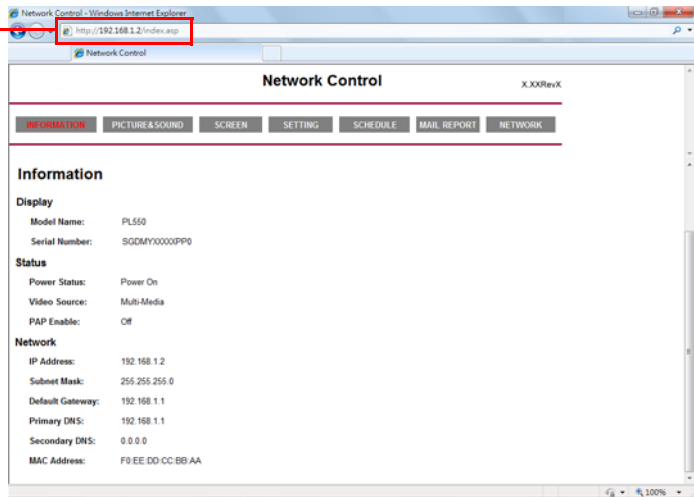


5. The display will begin obtaining the IP address from the connected network. When done, the message “**Done**” will appear on the screen.
6. Go to **Setting** > **Information** and take note of the display’s **IP Address**.



- Enter the IP address of the display in the address bar of your browser and press Enter. The setting page appears.

Enter the IP address of the display



- **INFORMATION:** Provides general information about the display.
- **PICTURE & SOUND:** Provides options for picture and sound adjustments. For more information about how to adjust these settings, please refer to ["Picture menu" on page 29](#) and ["Sound menu" on page 30](#).
- **SCREEN:** Provides options related to display adjustments. For more information about how to adjust these settings, please refer to ["Screen menu" on page 31](#).
- **SETTING:** Provides options for advanced display adjustments. For more information about how to adjust these settings, please refer to ["Setting menu" on page 35](#).
- **SCHEDULE:** Provides options for configuring current time and date, and up to 7 schedule settings for the display to turn on and off automatically.
- **MAIL REPORT:** Provides options for configuring email server settings for sending status or alert reports from the display.
- **NETWORK:** Provides options for manually setting the display's IP address or obtaining an IP address automatically from a DHCP server. For more information about how to configure network settings, please refer to ["Connecting to a LAN" on page 23](#).




Make sure the **Setting > Control Setting** menu is set to **LAN**, and the **Setting > Power Save** menu is set to **Low** or **Off** if you would like to turn on the display from a web page.

The OSD (On-Screen Display) menu

OSD menu overview

Menu name	Options/functions	See page
Picture	<ul style="list-style-type: none">• Picture Mode• Backlight• Contrast• Brightness• Chroma• Phase• Sharpness• Color Temp.• Noise Reduction• Film Mode• Reset	29
Sound	<ul style="list-style-type: none">• Sound Mode• Treble• Bass• Balance• Surround• Speaker• Audio Source• Reset	30
Screen	<ul style="list-style-type: none">• PAP Setting• Display Wall• Aspect• Adjust Screen• Freeze	31
Setting	<ul style="list-style-type: none">• Language• Schedule• Power Save• Control Setting• Network Settings• Set Monitor ID• HDMI Control• Advanced• Information• All Reset	35

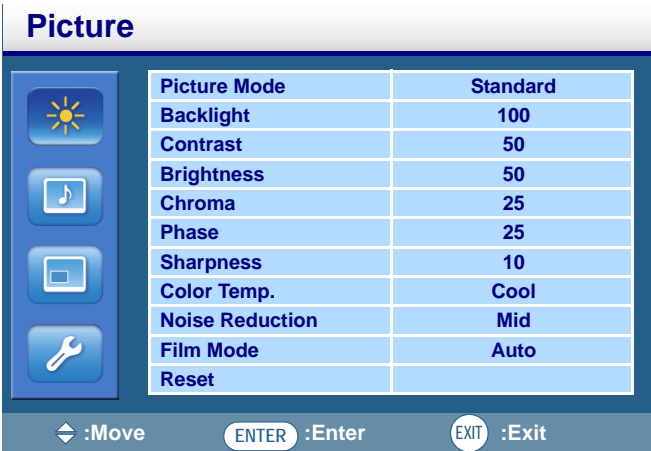




Some options are only available when a certain input signal source is selected.

Operations in the OSD menu

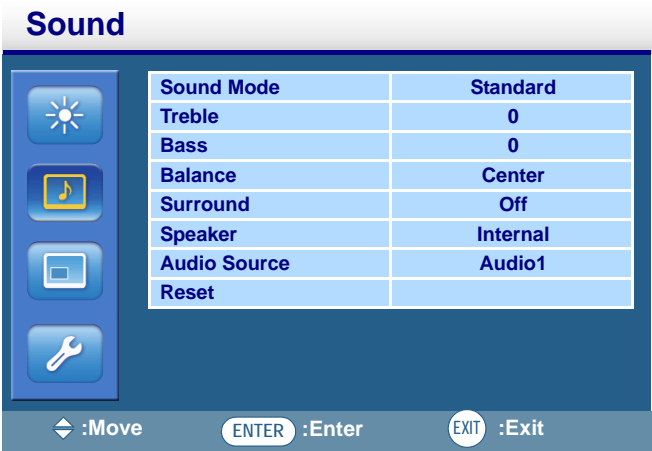
Using the control panel buttons	Using the remote control
<p>1. Press MENU to open the OSD menu.</p> <p>ENTER INPUT MENU ▼ ▲ ◀/▶ 🔌</p>	<p>1. Press MENU to open the OSD menu.</p>
<p>2. In the OSD menu, press ▲ or ▼ to select an item.</p> <p>ENTER INPUT MENU ▼ ▲ ◀/▶ 🔌</p>	<p>2. Press ▲ or ▼ to select an item.</p>
<p>3. Press ENTER/INPUT to confirm selections.</p> <p>ENTER INPUT MENU ▼ ▲ ◀/▶ 🔌</p>	<p>3. Press ENTER to confirm selections.</p>
<p>4. Press ▲ or ▼ to select a feature and press ◀ or ▶ to adjust settings. Press ENTER/INPUT to save changes.</p> <p>ENTER INPUT MENU ▼ ▲ ◀/▶ 🔌</p>	<p>4. Press ▲ and ▼ to select a feature and press ◀ or ▶ to adjust settings. Press ENTER to confirm changes.</p>
<p>5. Press MENU to close the OSD menu.</p> <p>ENTER VIDEO MENU ▼ ▲ ◀/▶ 🔌</p>	<p>5. Press MENU to close the OSD menu.</p>

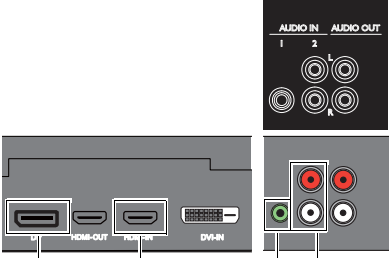
Picture menu



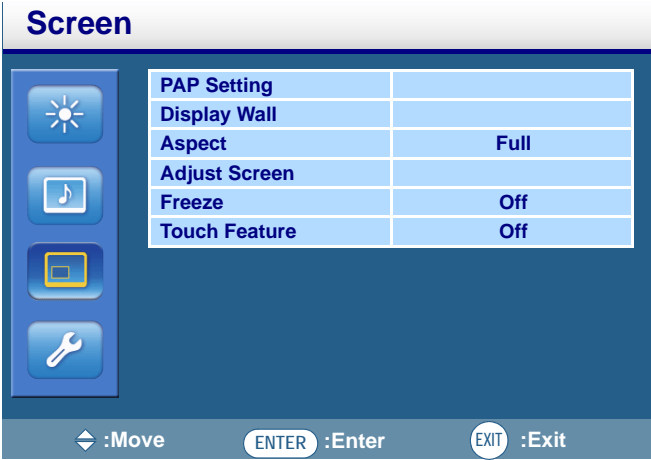
Name	Description
Picture Mode	Sets the display mode.
Backlight	Adjusts the backlight intensity for the screen. <div> This feature is not available if the Ambient Light Sensor or Adaptive Contrast function is set to On.</div>
Contrast	Adjusts the image contrast.
Brightness	Adjusts the image brightness.
Chroma	Adjusts the color intensity of the image.
Phase	Adjusts the image phase.
Sharpness	Adjusts the image sharpness.
Color Temp.	Adjusts the color temperature.
Noise Reduction	Reduces electrical image noise caused by different media players.
Film Mode	Optimizes the screen display automatically by detecting picture content and applying a reverse 3-2 or 2-2 pull-down process. The picture will be clearer and more natural. <div><ul style="list-style-type: none">• This function is not available when displaying Picture and Picture (PAP).• This function may not be correctly processed depending on the input signal.</div>
Reset	Resets all settings in the Picture menu.

Sound menu




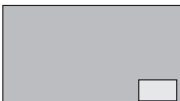




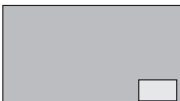



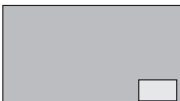


Name	Description
Sound Mode	Adjusts the sound output from the speakers. <ul style="list-style-type: none">• Dynamic: Enhances treble and bass.• Standard: Flat settings.• Custom: Recalls the customized settings.
Treble	Adjusts the audio treble.
Bass	Adjusts the audio bass.
Balance	Adjusts the audio balance.
Surround	Turns the surround mode on or off.
Speaker	Sets the audio source. <ul style="list-style-type: none">• Line-out: Selects the audio output source from AUDIO OUT (R/L) on the rear connector panel.• External: Selects the audio output source from SPEAKER on the rear connector panel.• Internal: Selects the audio output source from the internal speakers.
Audio Source	Sets the audio input source. <div></div> <p>Multi-Media: The audio source is from the multi-media contents via the RJ-45 network connection and USB ports.</p>
Reset	Resets all settings in the Sound menu.

Screen menu

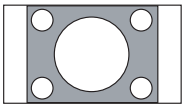
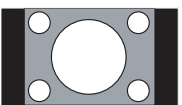
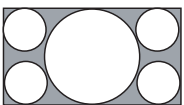
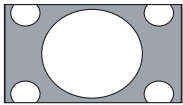
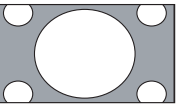
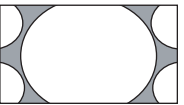
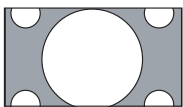

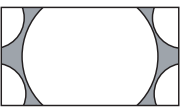
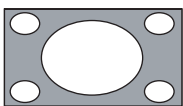
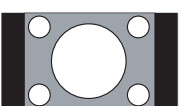
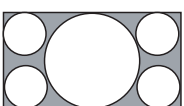
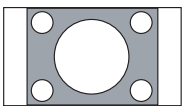
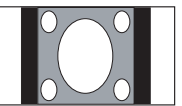
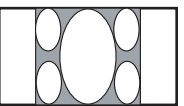
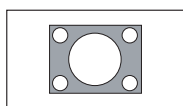
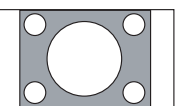
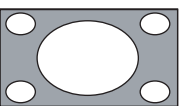



Name	Description																																																			
PAP Setting (Picture and Picture)	<ul style="list-style-type: none">• PAP: Turns on or off the PIP (Picture in Picture) and PBP (Picture by Picture) functions.• Active Picture: For the PIP, selects the main or sub picture to operate. For the PBP, selects the left or right picture to operate. Swaps the main/sub or left/right pictures.• Picture Size: Changes the size of the sub picture.																																																			
	<table><tr><th colspan="5">PIP mode</th><th colspan="3">PBP mode</th></tr><tr><td rowspan="3"></td><td colspan="4">Aspect Ratio</td><td rowspan="3"></td><td colspan="2">Aspect Ratio = 16:9 (fixed)</td></tr><tr><td colspan="2">4:3</td><td colspan="2">16:9</td><td colspan="2"></td></tr><tr><td>Width</td><td>Height</td><td>Width</td><td>Height</td><td>Width</td><td>Height</td></tr><tr><td>Small</td><td>304</td><td>225</td><td>400</td><td>225</td><td>Size = 0</td><td>747</td><td>267</td></tr><tr><td>Large</td><td>456</td><td>338</td><td>600</td><td>338</td><td>Size = 1</td><td>542</td><td>305</td></tr></table> <div>Unit: pixel</div>	PIP mode					PBP mode				Aspect Ratio					Aspect Ratio = 16:9 (fixed)		4:3		16:9				Width	Height	Width	Height	Width	Height	Small	304	225	400	225	Size = 0	747	267	Large	456	338	600	338	Size = 1	542	305							
	PIP mode					PBP mode																																														
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Small	304	225	400	225	Size = 0	747	267																																													
Large	456	338	600	338	Size = 1	542	305																																													
<div></div> <ul style="list-style-type: none">• In PIP mode, when the aspect ratio of the sub picture's source signal is 4:3 and its Aspect setting is set to Full 1 or Real, the aspect ratio of the sub picture will be 4:3.• In PBP mode, the aspect ratio of the sub picture is fixed as 16:9 regardless of the Aspect setting.																																																				
	<table><tr><td></td><td colspan="2">Aspect Ratio = 16:9 (fixed)</td></tr><tr><td></td><td>Width</td><td>Height</td></tr><tr><td>Size = 0</td><td>747</td><td>267</td></tr><tr><td>Size = 1</td><td>542</td><td>305</td></tr><tr><td>Size = 2</td><td>612</td><td>344</td></tr><tr><td>Size = 3</td><td>680</td><td>382</td></tr><tr><td>Size = 4</td><td>748</td><td>421</td></tr><tr><td>Size = 5</td><td>816</td><td>459</td></tr><tr><td>Size = 6</td><td>886</td><td>498</td></tr><tr><td>Size = 7</td><td>954</td><td>537</td></tr><tr><td>Size = 8</td><td>1022</td><td>575</td></tr><tr><td>Size = 9</td><td>1092</td><td>614</td></tr><tr><td>Size = 10</td><td>1160</td><td>652</td></tr><tr><td>Size = 11</td><td>1228</td><td>691</td></tr><tr><td>Size = 12</td><td>1296</td><td>729</td></tr><tr><td>Size = 13</td><td>1366</td><td>768</td></tr><tr><td>Size = 14</td><td>1434</td><td>807</td></tr></table> <div>Unit: pixel</div>		Aspect Ratio = 16:9 (fixed)			Width	Height	Size = 0	747	267	Size = 1	542	305	Size = 2	612	344	Size = 3	680	382	Size = 4	748	421	Size = 5	816	459	Size = 6	886	498	Size = 7	954	537	Size = 8	1022	575	Size = 9	1092	614	Size = 10	1160	652	Size = 11	1228	691	Size = 12	1296	729	Size = 13	1366	768	Size = 14	1434	807
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Size = 13	1366	768																																																		
Size = 14	1434	807																																																		

PAP Setting (Continued)	<ul style="list-style-type: none">• Picture Position: (PIP only) Changes the position of the sub picture. <table border="1"><tr><td data-bbox="284 161 642 300"><p>Upper Left</p></td><td data-bbox="642 161 1003 300"><p>Upper Right</p></td></tr><tr><td data-bbox="284 300 642 445"><p>Lower Left</p></td><td data-bbox="642 300 1003 445"><p>Lower Right</p></td></tr></table> <div></div> <ul style="list-style-type: none">• PAP is not available for all signal source combinations. See "Supported PAP input signal combination" on page 60 for more information on supported combinations.• In PAP mode, only sound from the active picture will be available.	<p>Upper Left</p> 	<p>Upper Right</p> 	<p>Lower Left</p> 	<p>Lower Right</p> 
<p>Upper Left</p> 	<p>Upper Right</p> 				
<p>Lower Left</p> 	<p>Lower Right</p> 				
Display Wall	<ul style="list-style-type: none">• H. Monitors/V. Monitors: Sets the number of displays used in the horizontal/vertical direction.• H. Position/V. Position: Sets the horizontal/vertical position of the display wall matrix.• Frame Comp.: Adjusts images near the display edges for optimal demonstration across the display wall.• LED: Turns the power indicator on the display on or off.• Power On Delay: Choose to enable or disable a sequence in turning on the screen matrix. If enabled, the display will turn on with a maximum of 10-second delay.				

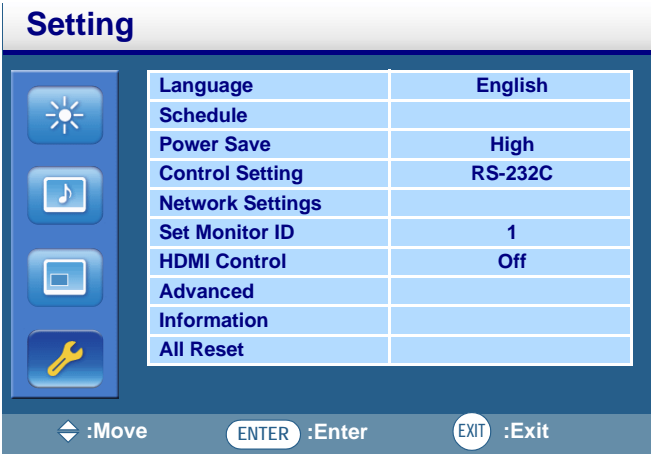
- Sets the picture's aspect ratio.
- **Wide Zoom:** Enlarges to fill screen with minimum distortion.
 - **Zoom:** Enlarges the picture, keeping the same aspect ratio.
 - **Full:** Enlarges the picture horizontally to fill the screen when the picture source is 4:3 (Standard definition). When the picture source is 16:9 (High definition), it displays in the same 16:9 aspect ratio.
 - **4:3:** Displays all picture source in 4:3 aspect ratio.
 - **Full 1:** Enlarges the picture to fill the screen in the vertical direction, keeping the same aspect ratio. A black frame may appear around the picture.
 - **Full 2:** Enlarges the picture to fill the screen.
 - **Real:** Displays the picture in its original number of dots.



Aspect





For video signal inputs		
4:3 original source	16:9 original source	
		
Wide Zoom	Wide Zoom	
		
Zoom	Zoom	
		
Full	Full	
		
4:3	4:3	
		
For PC signal input		
Real	Full 1	Full 2
		


Adjust Screen	<ul style="list-style-type: none">• Auto Adjustment: Sets whether to optimize image display for each VGA input.• Phase: Adjusts the phase of the VGA input image.• Clock Frequency: Adjusts the clock frequency of the VGA input image.• H. Position: Adjusts the horizontal position of the VGA input image.• V. Position: Adjusts the vertical position of the VGA input image.
Freeze	<p>Select On to freeze the displayed image. To resume normal image display, select Off.</p> <p> You can also press FREEZE on the remote control to freeze or unfreeze the image.</p>

Setting menu



Name	Description
Language	Sets your preferred language for the OSD menu.
Schedule	<ul style="list-style-type: none">• Date and Time: Sets the current date and time.• Clock Display: Sets whether to show the current time which was set.• On/Off Timer: Sets when to turn on or off the display.  <ul style="list-style-type: none">• Set the current time before you set the On/Off Timer.• When schedule settings overlap, the Every Day setting takes priority over other weekly settings.
Power Save	<p>Sets the display to enter the power saving mode when there is no signal detected.</p> <ul style="list-style-type: none">• Low: All source can enter the power saving mode and wake up the display.• High: All source can enter the power saving mode, but only a VGA signal can wake up the display or you have to press the power button to wake up the display when other source is connected.• Off: If no source is detected, the backlight will continue on.  <ul style="list-style-type: none">• RS-232C can bring any mode out of the power saving status.• On Power Save setting High, the LAN function is not available if the monitor enters Power Save, or DC off mode.

Control Setting	<ul style="list-style-type: none">• RS-232C/LAN: Sets a terminal to control the display.• IR Passthrough: Select it when multiple displays are connected via RS-232C cables.<ul style="list-style-type: none">- Primary: Designate the display as the primary unit for remote control operation. Only this display will be operated by the remote control.- Secondary: Designate the display as the secondary unit. The display can not be operated by the remote control, and will only receive the control signal from the primary display via the RS-232 connection. <p> To go back to the default setting (RS-232C) for Control Setting, press INFO on the remote control for 5 seconds.</p>
Network Settings	See "Network connection" on page 23 for details.
Set Monitor ID	Assigns an ID number for the current display when multiple displays are connected. <p> For use when under the RS-232C control mode.</p>
HDMI Control	Uses the HDMI CEC (Consumer Electronics Control) industry standard protocol to share functionality between connected devices and the display. To transfer system commands, you need to use an HDMI cable to connect the display to a device equipped with HDMI CEC. Select On in this menu and you can operate the main functionalities on your display and the connected device with one remote control.
Advanced	<ul style="list-style-type: none">• Auto Search: If turned On, the display automatically detects available input sources.• Auto Adjustment: Automatically optimizes image display for the VGA input.• Overscan: Changes the display area of the image. When this function is enabled, 96% of the original size of the image will be displayed, and the rest of the areas surrounding the image will be cut off.<ul style="list-style-type: none">- Auto: Enables the Overscan function for video timing, OFF for PC timing- On: Enables the Overscan function for Video timing- Off: Disables the Overscan function. <p> The Overscan function will become unavailable (grayed out) when the PAP function in the Screen menu is turned on.</p> <ul style="list-style-type: none">• RGB Signal: Sets the type of signal for a piece of video equipment or PC connected to the HDMI of the display• Anti Image Retention: Automatically displays swift moving patterns to prevent image retention on the screen.• OSD Rotation: Adjusts the OSD rotation. <p> See product specifications for models recommended for portrait orientation. Landscape only models operated in portrait mode may result in premature failure and will not be covered under the warranty.</p>

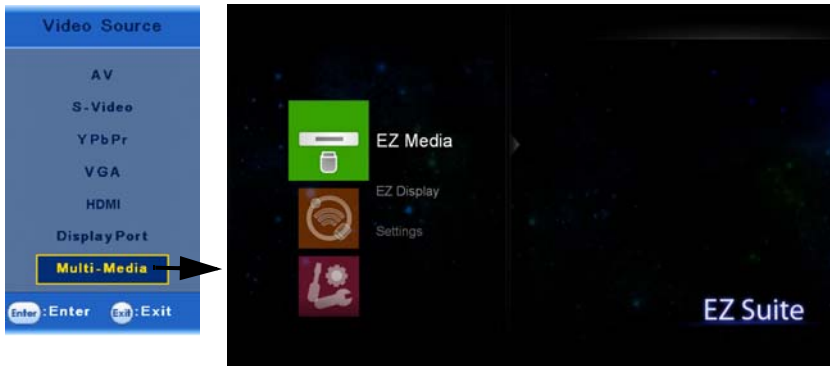
Advanced	<ul style="list-style-type: none">• OSD Info Box: When turned On, switching signal inputs, or changing timing, the display will show the current input source and resolution onscreen. Select Off to show the information box onscreen only when you press INFO on the remote control.• Adaptive Contrast: Turns the Adaptive Contrast function on or off. This feature enhances image contrast for dark scenes. <div> This feature is not available if the Ambient Light Sensor function is set to On.</div> <ul style="list-style-type: none">• Ambient Light Sensor: When turned On, the image brightness will adjust automatically as the ambient lighting conditions change.• IR Out: To operate multiple units with one IR remote control, select On. Point the remote control to the first display which IR-OUT port connects to the second display's IR-IN port, and the second display's IR-OUT port connects to the third display's IR-IN port, and so on. See "Connecting multiple displays" on page 20 for connection diagram.
Information	<p>Displays the following information of your display.</p> <ul style="list-style-type: none">• Date• Model Name• Serial Number• Operation Time• Software Version• LAN Version• IP Address
All Reset	Returns all settings to factory default values.

Multimedia OSD operation

The multimedia OSD system provides a variety of settings when the display is connecting to USB devices, wireless networks, or using the built-in storage device, etc.

To access the multimedia OSD system:

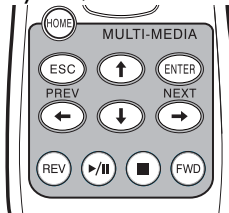
1. Make sure the display is correctly connecting to a multimedia device. See ["Connecting the multimedia inputs" on page 19](#) for details.
2. Press **MULTI-MEDIA** on the remote control or select **MULTI-MEDIA** from the source selection bar to access the multimedia OSD system. The main page appears.



3. Select your desired menu to operate.

Multimedia buttons on the remote control

To operate the multimedia OSD system, use the buttons on the remote control.



No	Name	Description
1	HOME	Goes back to the main page.
2	ESC	Goes back to the previous page.
3	ENTER	Activates the selected menu item.
4	←/↑/↓/→ (PREV) (NEXT)	Directional arrows for selecting a desired item.
5	REV	Rewinds the video/audio clips.
6	▶/II	Plays/Pauses the video/audio clips.
7	■	Stops the video/audio clips.
8	FWD	Fast forwards the video/audio clips.

Viewing files

- Files on the built-in storage device

The display is built-in an approximate **3GB** storage device. To transfer files to the display, you need to take a USB cable, connect the type A plug to your computer and connect the mini B plug to the display. Once connected, locate the Removable Disk on your computer. Select and drag the target files from your computer to the Removable Disk. Make sure the files are completely transferred to the display.

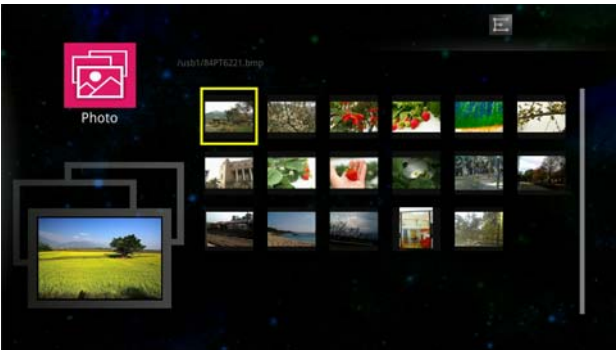
Go to the **EZ Media > Internal Memory** menu to view the files.

- Files on your USB flash drive

To view the files on your USB flash drive, simply plug your USB flash drive to the **USB Type A** jack on the display. Go to the **EZ Media > USB** menu to view the files.

You can view various types of files in **EZ Media > Internal Memory** or **EZ Media > USB** menu.

- **Photo**: Lists all the supported files in thumbnail view. Select the picture you want to display and perform the functions as provided on the screen according to your needs.



Remote control key function in thumbnail view

No	Name	Description
①	HOME	Goes back to the main page.
②	ESC	Goes back to the previous page.
③	ENTER	Opens the selected photo.
④	←/↑/↓/→ (PREV) (NEXT)	Directional arrows for selecting a desired photo.
⑤	REV	N/A
⑥	▶/II	N/A
⑦	■	N/A
⑧	FWD	N/A



Remote control key function in browse mode

No	Icon	Description
1		Rotation <ul style="list-style-type: none">• Press ↑/→/ENTER to rotate the picture clockwise (0 > 90 > 180 > 270).• Press ↓/← to rotate the picture counterclockwise (0 > 270 > 180 > 90 > 0).
2		Zoom <ul style="list-style-type: none">• Press ENTER to zoom in/out on the picture.• Press ←/↑/↓/→ to navigate the picture. <small>(PREV) (NEXT)</small>
3		Previous photo
4		Next photo
5		Slideshow mode Press ESC/ENTER/←/↑/↓/→ to go back to the browse mode. <small>(PREV) (NEXT)</small>
6		Deletion Press ENTER and then ↑/↓ to delete the picture.
7		Duplication Press ENTER and then ↑/↓ to copy the picture.
8		Information Shows the current information of the picture.
9		Returns to the previous page.

- **Video:** Lists all supported files. Select the video you want to display and perform the functions as provided on the screen according to your needs.



Remote control key function in list view

No	Name	Description
1	HOME	Goes back to the main page.
2	ESC	Goes back to the previous page.
3	ENTER	Opens the selected video.
4	<div>⏮️/⏭️/⏪️/⏩️ (PREV) (NEXT)</div>	<ul style="list-style-type: none">• ⏮️/⏭️: Moves up/down to select an item.• ⏪️: Sorts items by file names (alphabetically) or created time.• ⏩️: Shows subtitle files for the selected item.
5	REV	N/A
6	▶️/⏸️	N/A
7	■	N/A
8	FWD	N/A



Control user interface

Remote control key function: when the control user interface is displayed

No	Name	Description
①	HOME	Goes back to the main page.
②	ESC	Goes back to the previous page.
③	ENTER	Plays/Pauses the video.
④	<div>←/↑/↓/→ (PREV) (NEXT)</div>	<ul style="list-style-type: none">• ↑ / ↓ : N/A• ← : Plays the previous video.• → : Plays the next video.
⑤	REV	Rewinds the video. Rate: x1, 2, 4, 8
⑥	▶/	Plays/Pauses the video.
⑦	■	Stops the video.
⑧	FWD	Fast forwards the video. Rate: x1, 2, 4, 8











Remote control key function: when the control user interface is not displayed

No	Name	Description
①	HOME	Goes back to the main page.
②	ESC	Goes back to the previous page.
③	ENTER	Shows the control user interface.
④	<div>←/↑/↓/→ (PREV) (NEXT)</div>	<ul style="list-style-type: none">• ↑ / ↓ : N/A• ← : Plays the previous video.• → : Plays the next video.
⑤	REV	Shows the control user interface.
⑥	▶/	Shows the control user interface.
⑦	■	Shows the control user interface.
⑧	FWD	Shows the control user interface.

- **Audio:** Lists all supported files. Select the audio you want to play and perform the functions as provided on the screen according to your needs.



Remote control key function in list view

No	Name	Description
1	HOME	Goes back to the main page.
2	ESC	Goes back to the previous page.
3	ENTER	Opens the selected audio.
4	 /  /  /  (PREV) (NEXT)	<ul style="list-style-type: none">•  /  : Moves up/down to select an item.•  : Sorts items by file names (alphabetically) or created time.•  : N/A
5	REV	N/A
6		N/A
7		N/A
8	FWD	N/A



Remote control key function when playback

No	Name	Description
①	HOME	Goes back to the main page.
②	ESC	Goes back to the previous page.
③	ENTER	Plays/Pauses the audio.
④	<div>↶ / ↷ / ↵ / ↲ (PREV) (NEXT)</div>	<ul style="list-style-type: none">• ↶ / ↷ : N/A• ↵ : Plays the previous audio.• ↲ : Plays the next audio.
⑤	REV	Rewinds the audio.
⑥	▶/	Plays/Pauses the audio.
⑦	■	Stops the audio.
⑧	FWD	Fast forwards the audio.


- **Office Viewer:** Supports PowerPoint/Word/Excel/PDF files. Select the document you want to display and perform the functions as provided on the screen according to your needs.



Remote control key function in list view

No	Name	Description
1	HOME	Goes back to the main page.
2	ESC	Goes back to the previous page.
3	ENTER	Opens the selected file.
4	<div>⬅️/⬆️/⬇️/➡️ (PREV) (NEXT)</div>	<ul style="list-style-type: none">• ⬆️/⬇️: Moves up/down to select an item.• ⬅️: Sorts items by file names (alphabetically) or created time.• ➡️: N/A
5	REV	N/A
6	▶️/⏸️	N/A
7	■	N/A
8	FWD	N/A

Remote control key function when a document is opened

No	Name	Description
①	HOME	Goes back to the main page.
②	ESC	Closes the document.
③	ENTER	Zooms in to the maximum view or zooms out to the minimum view.
④		<ul style="list-style-type: none">• ↑ : Moves to the top of the page or goes back to the previous page.• ↓ : Moves to the bottom of the page or goes to the next page.• ←/→ : Moves to the left/right of the page.
⑤	REV	Goes back to the previous page.
⑥	▶/	N/A
⑦	■	N/A
⑧	FWD	Goes to the next page.

Making connections

Except for those conventional cables, e.g. component video cable and VGA cable, you can connect to the display with more flexible ways.

- Using a USB cable (EZ USB)

1. Take a USB cable and connect the mini B plug to the display, type A plug to a PC.
2. Have your computer ready with the EZ USB software installed. To obtain the EZ USB software, please go to local website from www.BenQ.com.



Supported OS for EZ USB:

- Windows XP 32/64 bit SP3 (Professional or higher)
- Windows Vista 32/64 bit SP2 (Home premium or higher)
- Windows 7 and 8 32/64 bit SP1 (Home premium or higher)
- Mac OS 10.7 or higher

3. Go to the **EZ Display** > **EZ USB** menu and confirm your selection.



4. Use the EZ USB software to set how you will use the display. You can send your computer screen directly to the display by selecting Mirror mode, or treat the display as an extended desktop by selecting Extension mode. For details about how to install and use the software, see its user manual.



- Using WiFi (EZ WiFi)

1. Plug a USB wireless LAN adapter to the USB Type A jack on the display.
2. Have your computer ready with the EZ WiFi/LAN software installed, or iOS/Android device ready with the EZ Display app installed. To obtain the software, please go to local website from www.BenQ.com.
The EZ Display is also available on Play Store (Android) or App Store (iOS).
3. Depending on your need and the availability of the equipment, select a connection method (**AP Mode/Client Mode**) in the **Settings > WiFi** menu.
 - **AP Mode:** Make sure your device has a built-in wireless network adapter and it is enabled. Obtain or change the display's SSID and related information in the **Settings > WiFi > AP Mode**. Search for and select the display by clicking the wireless icon to view the Wireless Networks window on your device.
 - **Client Mode:** In this mode, you need to have a wireless enabled computer. Select an available wireless network from the list of **Settings > WiFi > Client Mode**. Connect to the same wireless network by clicking the wireless icon to view the Wireless Networks window on your device.
4. Go to the **EZ Display > EZ WiFi** menu and confirm your selection. The password of the display appears on the screen.



5. Open the EZ WiFi/LAN software or EZ Display app, and enter the password for the display. Use the software to set how you will use the display. You can allow multiple computers to connect to the display, and manage those computers by selecting a split screen, send your computer screen directly to the display by selecting Mirror mode, or treat the display as an extended desktop by selecting Extension mode. For details about how to install and use the software, see its user manual.

(EZ WiFi/LAN)

When a display is searched, enter the password shown in the **EZ Display > EZ WiFi** menu.



(EZ WiFi/LAN)

When multiple displays are searched, enter the password for the display you want to connect with.



(EZ Display)



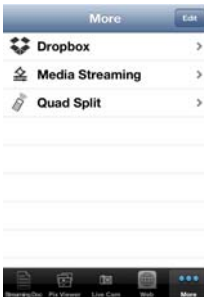
1. Connect to a display.



2. Enter the password for the selected display.



3. Select the function icon on the bottom to display your file.



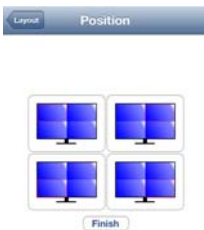
4. You can also click "More" to discover more functions provided.



5. In this example picture, "Quad Split" is selected, and only one computer is allowed to be displayed. Click "Select Layout".



6. More options are available.



7. Select one layout and click "Finish".



- Using a RJ-45 cable and EZ LAN (VoE function)
 1. Take a RJ-45 cable and connect it to your computer, and Ethernet or router.
 2. Take another RJ-45 cable and connect it to the display, and your Ethernet or router. Make sure that your computer and the display is on the same local area network (LAN).

You can also use your Android/iOS device to connect to the display if the network equipment is wireless enabled.
 3. Have your computer ready with the EZ WiFi/LAN software installed. To obtain the EZ WiFi/LAN software, please go to local website from www.BenQ.com.
 4. Depending on your need and the availability of the equipment, select a connection method (**Auto/Manual**) in the **Settings > LAN** menu.
 - **Auto**: Select it when you are in a DHCP environment.
 - **Manual**: Fill in the required information when you are not in a DHCP environment.
 5. Go to the **EZ Display > EZ LAN** (VoE function) menu and confirm your selection. The password of the display appears on the screen.
 6. Open the EZ WiFi/LAN software and enter the password for the display. Use the software to set how you will use the display. You can allow multiple computers to connect to the display, and manage those computers by selecting a split screen, send your computer screen directly to the display by selecting Mirror mode, or treat the display as an extended desktop by selecting Extension mode. For details about how to install and use the software, see its user manual.

Composing a display wall

All the images that are displayed via the EZ Media and EZ Display menus can be seen on a display wall via the HDMI daisy chain.

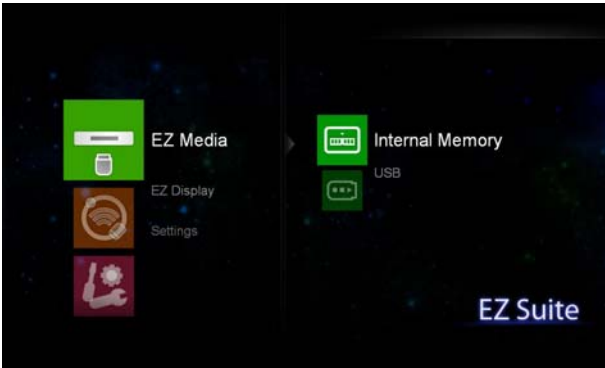
To compose a display wall for those multimedia images:

1. Decide how to arrange your displays on a wall to achieve the best result.
2. Connect all the displays sequentially via the HDMI IN and HDMI OUT connectors. Refer to "[Connecting multiple displays](#)" on page 20 for the connection diagram of the HDMI daisy chain.
3. Use the EZ Media or EZ Display menus to display the desired image. Refer to "[Viewing files](#)" on page 39 for the scenario of using the EZ Media menu or refer to "[Making connections](#)" on page 47 for the scenario of using the EZ Display menu.
4. If further adjustments to the display wall are needed, refer to "[Display Wall](#)" on page 32 for details.

Menu system

EZ Media

Select the device where the files you want to present are stored, and select the file type.



Name	Description
Internal Memory	See "Viewing files" on page 39 for details.
USB	

Supported file formats

- Photo: JPEG, BMP
- Audio: MPI/MP2/MP3, WMA, OGG, ADPCM-WAV, PCM-WAV, AAC, MPEG Layer-3 (.mp3), IMA-ADPCM (.wav)
- Video: avi, divx, mkv, ts, dat, vob, mpg, mpeg, mov, mp4, rm, mvb, wmv
- Subtitle: Standard SRT (UTF-8/UTF-16) (mixed code in subtitle files not supported)
- Office Viewer:
 - Adobe PDF: accepts file size up to 75MB
PDF 1.0/1.1/1.2/1.3/1.4
 - MS Word: accepts file size up to 100MB
British Word 95/Word 97/2000/2003/2007 (.docx)/2010 (.docx)
 - MS Excel: accepts file size up to 15MB
British Excel 5, 95, Excel 97/2000/2002/2003/2007 (.xlsx)/2010 (.xlsx), Office XP Excel
 - MS PowerPoint: accepts document page number up to 1000, and file size up to 19MB
British PowerPoint 97, PowerPoint 2000/2002/2003/2007 (.pptx)/2010 (.pptx), Office X PowerPoint, PowerPoint presentation-2003 and earlier (.ppx), PowerPoint Presentation-2007 and 2010 (.ppsx)
- Storage:
 - Internal Memory
TLC/MLC/SLC 8/12/24/40/60 bit ECC NAND
 - USB (FAT 32 file system)
USB flash, USB hard disk

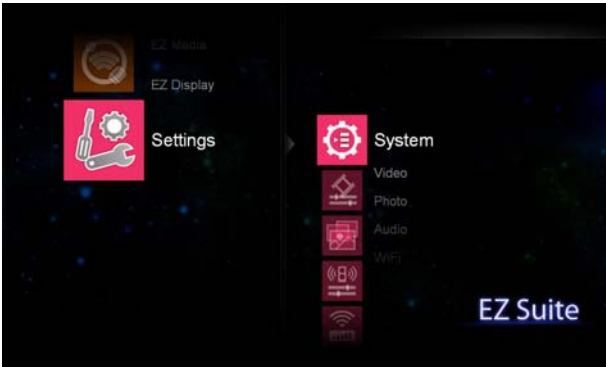
EZ Display

Use an appropriate cable to make connection between your device and the display.



Name	Description
EZ USB	Connects to a computer by using a USB cable. See "Making connections" on page 47 for details.
EZ WiFi	Connects to a computer via wireless enabled equipment. See "Making connections" on page 47 for details.
EZ LAN (VoE function)	Connects to a computer via RJ-45 cables. See "Making connections" on page 47 for details.

Settings



Name	Description
System	<ul style="list-style-type: none">• Version: Displays the version number of the firmware.• Language: Sets your preferred language for the OSD menu.• Update: Updates the OSD firmware with a USB flash drive.• Hostname: Displays the display's name for network identification.• USBConnect: When a USB cable is connected between the display and computer. Enable this function and a Removable Disk icon will appear for files transfer.• Auto Play Mode: Enables automatically playback the content from the USB flash driver once it is connected to the display.
Video	<ul style="list-style-type: none">• Display Ratio: Sets the video clip's aspect ratio.• Repeat Mode: Sets the video clips' playback mode.
Photo	<ul style="list-style-type: none">• Display Ratio: Sets the picture's aspect ratio.• Slideshow Duration: Sets the interval time of each slide.
Audio	<ul style="list-style-type: none">• Repeat Mode: Sets the video clips' playback mode.
WiFi	<ul style="list-style-type: none">• AP Mode: Fills in the information required for WiFi connection.<ul style="list-style-type: none">- SSID: Sets a name for your display.- Security: Selects a security level.- PSK: Sets an access password.- Channel: Selects a channel to communicate.• Client Mode: Lists all wireless networks detected in your area and selects a suitable one.
LAN	<ul style="list-style-type: none">• Auto: Obtains an IP address when you are in a DHCP environment.• Manual: Sets the information required for LAN connection. Contact your network administrator for those information.• OFF: Turns off LAN connection.

Product information

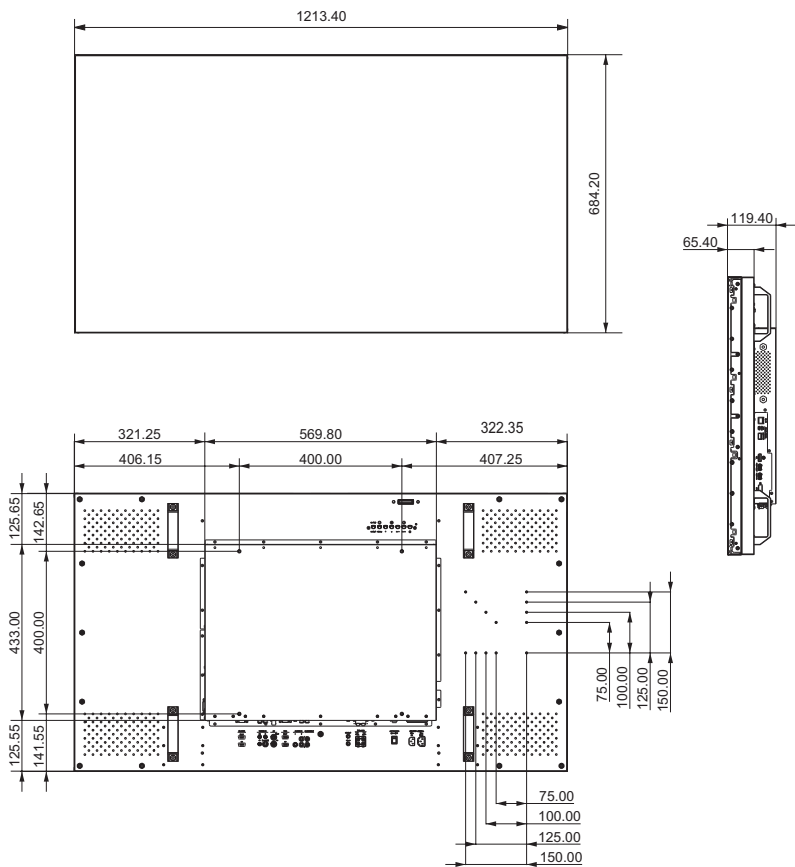
Specifications

	Item	Specifications
LCD panel	Backlight	D-LED
	Panel size	55"
	Pixel pitch (mm)	0.63 x 0.63
	Native resolution (pixels)	1920 x 1080
	Brightness (cd/m ²) (typical)	500
	Contrast (typical)	1400:1
	Adaptive Contrast	500000:1
	Response time (ms) (typical)	12
	Panel Bit	8-bit
Input	Computer	VGA (D-Sub 15-pin)
	Video	DVI (DVI-D), Composite Video (BNC jacks), S-Video, YPbPr (RCA jacks), HDMI, DisplayPort
	Audio	L/R (RCA jacks), Line-in (3.5 mm jack)
	IR	IR In (3.5 mm jack)
	USB	Type A; Mini B
	Control	RS-232C (D-Sub 9-pin), 10/100Mbps RJ-45 (RJ-45 Jack W/LED)
Output	Computer	VGA (D-Sub 15-pin)
	Video	Composite Video (BNC jack), HDMI
	Speaker	External speaker jack (12W+12W, 8 Ohms)
	Audio	L/R (RCA jacks)
	IR	IR Out (3.5 mm jack)
	Control	RS-232C (D-Sub 9-pin)
Audio	Audio W (Amp)	12W x 2
	Internal speaker	12W x 2
Power	Supply	100 - 240V AC, 50/60 Hz
	Consumption Max.	220W
	Consumption Standby	< 0.5W
Environment	Operating Temperature	0 - 40°C, 32 - 104°F
	Operating Humidity	10 - 90% (without condensation ⁽¹⁾)
	Storage Temperature	-20 - 60°C, 4 - 140°F
	Storage Humidity	10 - 95% (without condensation ⁽¹⁾)
	Display Orientation	Landscape/Portrait

Mechanical	Gross weight (with packaging)	59 kg
	Net weight (without packaging)	32 kg
	Dimensions (W x H x D)	1213.4 x 684.2 x 119.4 mm
	Bezel Dimension (T/B/L/R)	2.3/1.2/2.3/1.2 mm
Feature	VGA daisy chain ⁽²⁾	O
	HDMI daisy chain ⁽³⁾⁽⁴⁾	O
	RS232 control daisy chain	O
	ID setting	O
	Sharpness enhancement	O
	Proof of image retention	O
	Dimming control (Adaptive Contrast)	O
	Picture in Picture (PIP)	O
	Picture by Picture (PBP)	O
	10-bit color processing	O
	Built-in video wall support	O (up to 15 x 15 ⁽⁵⁾)
	Scheduling	O
	Total turn-on time	O
	Diagnostic DC voltage (12V/5V)	O
	Internal temperature Sensor	O
	CEC control	O

- ⁽¹⁾ Condensation on internal electrical components, not between the LCD panel and touch panel glass.
- ⁽²⁾ A VGA signal splitter is required for a VGA daisy chain configuration that consists of 3 x 3 displays and more.
- ⁽³⁾ An HDMI signal splitter is required for an HDMI daisy chain configuration that consists of 4 x 4 displays and more.
- ⁽⁴⁾ Up to 7 displays are supported when HDMI with HDCP signal source is used.
- ⁽⁵⁾ Number of displays supported depend on the type and quality of signal source.

Dimensions




Unit: mm

Supported input signal resolution

Resolution	Input source					
	AV	S-Video	YPbPr	VGA	HDMI	Display Port
640 x 480 @ 60Hz				○	○	○
640 x 480 @ 67Hz				○	○	○
640 x 480 @ 72Hz				○	○	○
640 x 480 @ 75Hz				○	○	○
720 x 400 @ 70Hz				○	○	○
800 x 600 @ 60Hz				○	○	○
800 x 600 @ 75Hz				○	○	○
832 x 624 @ 75Hz				○	○	○
1024 x 768 @ 60Hz				○	○	○
1024 x 768 @ 75Hz				○	○	○
1152 x 870 @ 75Hz				○	○	○
1280 x 720 @ 60Hz				○	○	○
1280 x 768 @ 60Hz				○	○	○
1280 x 800 @ 60Hz RB				○	○	○
1280 x 800 @ 60Hz				○	○	○
1280 x 960 @ 60Hz				○	○	○
1280 x 1024 @ 60Hz				○	○	○
1360 x 768 @ 60Hz				○	○	○
1366 x 768 @ 60Hz				○	○	○
1400 x 1050 @ 60Hz				○	○	○
1600 x 1200 @ 60Hz				○	○	○
1680 x 1050 @ 60Hz RB				○	○	○
1600 x 1050 @ 60Hz				○	○	○
1920 x 1080 @ 60Hz				○	○	○
NTSC-M	○	○				
NTSC-J	○	○				
PAL-BDGIH	○	○				
576i (50Hz)			○		○	

480i (60Hz)			○		○	
480p (60Hz)			○		○	
576p (50Hz)			○		○	
720p (25Hz)			○		○	
720p (30Hz)			○		○	
720p (50Hz)			○		○	
720p (60Hz)			○		○	
1080i (50Hz)			○		○	
1080i (60Hz)			○		○	
1080p (24Hz)			○		○	
1080p (25Hz)			○		○	
1080p (30Hz)			○		○	
1080p (24Psf)			○		○	
1080p (25Psf)			○		○	
1080p (50Hz)			○		○	
1080p (60Hz)			○		○	

- 
- : supported
 - Blank: not supported

Supported PAP input signal combination

		Main/Left picture signal source					
		AV	S-Video	YPbPr	VGA	HDMI	DisplayPort
Sub/ Right picture signal source	AV	×	×	×	○	○	○
	S-Video	×	×	×	○	○	○
	YPbPr	×	×	×	×	○	○
	VGA	○	○	×	×	○	○
	HDMI	○	○	○	○	×	○
	Display Port	○	○	○	○	○	×

Troubleshooting

Problem	Solution
No picture	<p>Check the following:</p> <ul style="list-style-type: none"> • Is the display turned on? Check the power indicator of the display. • Is the signal source device turned on? Turn on the device and try again. • Are there any loose cable connections? Make sure that all cables are connected firmly. • Have you chosen an unsupported output resolution on the computer? Refer to "Supported input signal resolution" on page 58 to select a supported resolution and try again. • Have you chosen an unsupported output resolution on the DVD or Blu-ray disc player? Refer to "Supported input signal resolution" on page 58 to select a supported resolution and try again.
No sound	<p>Check the following:</p> <ul style="list-style-type: none"> • Have you turned on the mute function on the display or the input source device? Turn off the mute function or increase the audio volume level and try again. • Are there any loose cable connections? Make sure that all cables are connected firmly.
The computer input image looks strange	<ul style="list-style-type: none"> • Have you chosen an unsupported output resolution on the computer? Refer to "Supported input signal resolution" on page 58 to select a supported resolution and try again. • Use the Auto Adjustment function (Refer to "Adjust Screen" on page 34) to let the display automatically optimize the display of computer image. • If the result of the Auto Adjustment function is not satisfactory, use the Clock Frequency, Phase, H. Position and V. Position functions to manually adjust the image.
The control panel buttons do not work	Have you locked the control panel buttons? Unlock the buttons and try again.

<p>The remote control does not work</p>	<ul style="list-style-type: none">• Have you locked the remote control function? Unlock the function and try again.• Check for incorrect battery orientation.• Check for dead batteries.• Check your distance and angle from the display.• Check whether remote control is properly being pointed at the display's remote control sensor window.• Check for any obstacle between the remote control and the remote control sensor window.• Check that the remote control sensor window is not under strong fluorescent lighting, or in direct sunlight.• Check for any devices (computer or personal digital assistant, PDA) nearby that transmit infrared signals which may cause interference to signal transmission between the remote control and the display. Turn off the infrared function of these devices.
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